

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 098208 - Front Left Wheel Hub

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



LIEBHERR CANADA LTEE
 444 AVENUE DE LA FRICHE
 DOLBEAU-MISTASSINI, QC
 CA G8L 3M7
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 T:
 F: (418)276-9844



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	6242	---	---	---
Oil Hours	135	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 185	---	---	---
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CONTAMINATION

Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 27	---	---	---
Potassium	ppm	● 3	---	---	---



WEAR METALS

Iron	ppm	● 64	---	---	---
Copper	ppm	● 12	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 49	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 23	---	---	---
Phosphorus	ppm	● 2159	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LBADOL
 Unique No: 5605136
 Signed: Kevin Marson
 Report Date: 20 Jul 2023



GRAPHS

